

Claim Amendments:

This listing of claims will replace all prior versions and listings, of claims in the application:

1. (Currently Amended) An image capture system, comprising:
a processing engine operable to perform an image processing function;
a first image sensor lens module comprising a first lens integrated with a first sensor, the first image sensor lens module operable to capture a first view of a scene and to output first information representing the first view;
a second image sensor lens module operable to capture a second view of the scene and to output second information representing the second view;
a selector operable to selectively route at least a portion of scene view information to the processing engine, the scene view information comprising the first information and the second information; and
a triggering engine operable to evaluate scene view information to identify which of the first information and second information comprises desired information and causing the selector to select and route the identified desired information to the processing engine; and
a mounting surface on which the processing engine, the first image sensor lens module and the second image sensor lens module are secured.
2. (Previously presented) The system of claim 1, further comprising a support having an exterior surface that comprises the mounting surface, the support having a generally spherical geometry.
3. (Previously presented) The system of claim 1, further comprising:
a third image sensor lens module operable to capture a third view of the scene; and
an integrated circuit comprising the first image sensor lens module, the second image sensor lens module, the third image sensor lens module and the processing engine.

4. (Previously presented) The system of claim 1, wherein the first and second image sensor lens modules are adjustably secured to the mounting surface.

5. (Cancelled)

6. (Previously presented) The system of claim 1, further comprising a microphone assembly communicatively coupled to the processing engine to provide audio input.

7. (Cancelled).

8. (Currently Amended) The system of claim 1[[7]], wherein the triggering engine is further operable to signal the selector to route the second information to the processing engine in response to a determination that the second view should capture the activity.

9. (Previously presented) The system of claim 8, further comprising:
a support having an exterior surface that comprises the mounting surface, the support having a geometry that facilitates differing orientations of the first and the second image sensor lens modules; and
an interface operable to communicatively couple an output of the processing engine to an external computing system.

10. (Cancelled).

11. (Currently Amended) An image capturing system comprising:
an integrated circuit comprising:

a first image module ~~communicatively~~ selectively coupled to a processing engine
by way of a selector, the first image module operable to capture first
image information, wherein the first image module does not include a
computer readable memory;

a second image module ~~communicatively~~ selectively coupled to the processing
engine by way of the selector, the second image module operable to
capture second image information; and

the selector operable to select between the first image information and the second
image information in response to the processing engine identifying which
of the first image information and the second image information comprises
desired information and to selectively deliver the identified desired
information to the processing engine; and

the processing engine operable to perform an image processing function on the
selected, identified desired information received from the selector~~first
image module and the second image module and the processing engine~~
further operable to evaluate the first image information and the second
image information to identify which of the first image information and the
second image information comprises the desired information.

12. (Previously presented) The system of claim 11, further comprising:

a third image module communicatively coupled to the processing engine; and
an interface operable to facilitate communication of a processing engine output to a
device selected from the group consisting of a cable modem, a DSL modem and a
computing device.

13. (Cancelled).

14. (Cancelled).

15. (Original) The system of claim 11, wherein the processing engine is operable to simultaneously perform an image processing function on information received from the first image module and the second image module.

16. (Cancelled).

17. (Previously presented) The system of claim 11, wherein the first image module has a resolution and the second module has a different resolution.

18. (Previously presented) The system of claim 11, wherein the first image module comprises a digital zoom lens.

19. (Previously presented) The system of claim 11, wherein the first image module comprises an optical zoom lens with autofocus.

20. (Cancelled).

21. (Previously presented) The system of claim 11, wherein the first image information represents a first view of a scene and the second image information represents a second view of the scene and wherein at least a portion of the first information represents a portion of the scene captured in the second view.

22. (Cancelled).

23. (Currently Amended) An image capturing method comprising:
correlating a plurality of digital image sensors with different views of a scene, wherein at
least one of the plurality of digital image sensors comprises a lens integrated with
a sensor;
receiving first information that represents a first view of the scene obtained from a first
one of the plurality of digital image sensors;
receiving second ~~additional~~ information that represents a second view of the scene
obtained from a second one of the plurality of digital image sensors;
determining between the first information and the second information which of the first
information and the second information comprises ~~that the first view of the scene~~
~~comprises~~ a desired portion of the scene; and
selecting the determined desired portion of the scene to be delivered ~~allowing the~~
~~information to progress to the processing engine.~~

24. (Cancelled).

25. (Currently Amended) The method of claim 23, further comprising performing an
image signal processing function on the first information.

26. (Currently Amended) The method of claim 23, further comprising:
performing an image signal processing function on the first information; and
initiating presentation of the information on a display after performing the image signal
processing function.

27. (Currently Amended) The method of claim 23, further comprising:
determining that the second view of the scene comprises another desired portion of the
scene; and
allowing the ~~additional~~ second information to progress to the processing engine after the
first information is delivered to the processing engine.

28. (Previously presented) The method of claim 23, further comprising:
correlating the first view to a first image sensor of the plurality of image sensors and the
second view to a second image sensor of the plurality of image sensors; and
receiving a directional identification signal indicating that the first view contains a
desired scene activity.

29. (Currently Amended) The method of claim 23, further comprising:
performing an image signal processing function on the first information; and
outputting post processed image signal information.

30. (Cancelled).

31. (Previously presented) The method of claim 29 further comprising streaming the post
processed image signal information.

32. (Cancelled).

33. (Cancelled).

34. (Previously presented) The image capturing system of claim 11, wherein the first
image module comprises a lens integrated with a sensor.

35. (Previously presented) The image capture system of claim 1, wherein the first image
sensor lens module does not include a computer readable memory.

36. (Previously presented) The image capture system of claim 1, wherein there is no
optical component spatially situated between the first lens and the first sensor.

37. (Previously Presented) The image capturing method of claim 23, wherein none of the
plurality of digital image sensors includes a computer readable memory.

38. (Previously presented) The image capturing method of claim 23, wherein an integrated circuit comprises the plurality of digital image sensors.

39. (New) The image capture system of claim 1, wherein the first lens of the first image sensor lens module has a first depth of focus, wherein the second lens of the second image sensor lens module has a second depth of focus different from the first depth of focus, and wherein the first image sensor lens module and the second image sensor lens module are integrated on an integrated circuit with the processing engine.

40. (New) The image capture system of claim 39, wherein the triggering engine is operable to evaluate scene view information to identify which of the first information and second information comprises desired information by evaluating the first information at the first depth of focus and evaluating the second information at the second depth of focus.

41. (New) The image capture system of claim 1, wherein the processing engine performs a Pan, Tilt and Zoom operation on the identified desired information.

42. (New) The image capture system of claim 1, wherein the processing engine performs a digital magnification by interpolating between pixels in a center of the identified desired information.

43. (New) The image capturing system of claim 11, wherein the first image module has a first depth of focus, wherein the second image module has a second depth of focus, and wherein the first image module and the second image module are integrated on a single integrated circuit with the processing engine.

44. (New) The image capturing system of claim 43, wherein the processing engine evaluates the first image information at the first depth of focus and evaluates the second image information at the second depth of focus to determine which of the first image information and the second image information comprises the desired information.

45. (New) The image capturing method of claim 23, wherein selecting between the first information and the second information comprises performing a digital panning operation on the first information and on the second information.

46. (New) The image capturing method of claim 23, wherein selecting between the first information and the second information comprises performing a digital tilt operation on the first information and on the second information.